

ABSTRACT OF THE DISCLOSURE

A plurality of gate lines are formed on an insulating substrate in the horizontal direction, a gate shorting bar connected to the data lines is formed in the vertical direction and a gate insulating film is formed thereon. A plurality of 5 data lines intersecting the gate lines are formed on the gate insulating film in the vertical direction, and a data shorting bar connected to the data lines is formed outside the display region. A first shorting bar is formed on the gate insulating film, located between the gate lines and the gate shorting bar, and connected to the odd gate lines. A second secondary shorting bar is formed 10 parallel to the first shorting bar and connected to the even gate lines.